QC
990
.L4
M6
1948

MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

BEIRUT, LEBANON

LAT. 33° 54' 22" N.

LONG. E. FROM GREENWICH 35° 28' 10"

LIBRARY
N.O.A.A.
U.S. Dept. of Commerce

January 1948

ROBERT W. SLOANE, DIRECTOR

Printed at the American Press
Beirut, Lebanon

LIBRARY
NOV 21 1955
WEATHER BUREAU

108 715

JANUARY 1948

METEOROLOGICAL REGISTER

Date	Barometer reduced to O°C Sea level and 45° Latitude 700 mm. + ...				Thermometer Degrees Centigrade					
	8:30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	66.8	65.4	65.1	65.8	17.9	13.6	15.4	16.6	14.6	15.5
2	2.3	59.1	59.0	0.1	19.5	10.6	15.6	18.4	16.4	16.9
3	57.6	5.2	6.3	56.4	13.9	9.5	12.2	12.7	12.0	12.3
4	7.1	6.7	7.1	7.0	13.1	8.7	9.9	12.2	10.4	10.8
5	7.8	60.6	63.8	60.7	12.7	9.9	12.2	12.3	10.4	11.6
6	67.1	66.6	67.8	67.2	16.7	12.2	12.3	16.6	13.8	14.2
7	8.4	7.5	7.6	7.8	19.0	13.0	16.2	18.3	15.0	16.5
8	7.4	6.7	6.3	6.8	18.3	13.0	14.9	17.7	14.1	15.6
9	6.8	5.1	5.8	5.9	18.0	13.4	15.9	16.6	15.1	15.8
10	5.9	4.6	4.5	5.0	19.4	13.7	16.3	18.6	16.6	17.2
11	65.8	64.4	64.9	65.0	18.5	12.2	15.5	18.1	14.9	16.2
12	5.7	4.6	5.5	5.3	18.5	12.2	14.9	16.7	15.6	15.7
13	5.4	3.2	3.0	3.9	17.1	12.6	14.9	16.4	14.0	15.1
14	2.5	2.4	3.0	2.6	17.0	12.8	14.5	16.3	13.7	14.8
15	3.2	2.4	3.4	3.0	18.9	12.3	14.8	17.1	14.4	15.4
16	65.6	64.9	66.3	65.6	17.9	14.2	15.0	17.2	14.5	15.6
17	6.3	5.2	4.7	5.4	20.1	14.9	16.7	18.4	16.6	17.2
18	6.1	4.6	5.5	5.4	20.7	15.6	16.9	20.1	16.6	17.9
19	4.3	2.6	1.4	2.8	21.0	16.7	16.8	20.1	17.7	18.2
20	1.9	0.8	3.3	2.0	21.8	15.1	19.1	20.5	17.0	18.9
21	63.8	62.5	61.9	62.7	20.0	15.9	17.1	18.8	16.6	17.5
22	59.8	59.2	58.0	59.0	24.1	14.8	20.4	20.5	22.7	21.2
23	8.9	60.7	61.0	60.2	18.2	10.8	17.2	13.3	13.3	14.6
24	62.1	0.9	1.4	1.5	17.5	12.7	15.8	16.5	13.6	15.3
25	1.4	1.2	2.2	1.6	16.3	10.1	13.6	13.8	11.7	13.0
26	63.2	62.2	62.2	62.5	16.1	11.2	13.3	15.6	12.8	13.9
27	61.3	0.8	1.9	1.3	17.0	10.6	14.9	16.6	12.3	14.6
28	64.1	4.2	5.4	5.6	16.4	11.0	12.2	15.9	12.4	13.5
29	65.5	3.1	6.3	4.0	17.4	12.1	14.4	16.7	14.4	15.2
30	64.7	4.2	6.5	5.1	17.3	11.8	13.4	16.5	13.3	14.4
31	9.5	8.7	9.1	9.1	18.0	12.7	14.9	17.4	14.9	15.7
	63.80	62.91	63.46	63.43	18.61	12.58	15.07	16.85	14.57	15.49

Barometer, range for month 769.5 — 755.2 mm.
,, 71-yr. average for month 763.184 mm.
Thermometer, range for month 24.1° — 8.7°C
,, 71-yr. average for month 13.72 °C.
Rain, total for month 192.28 mm.
,, 7-1r. average for month 190.28 mm.
,, Tolal, Sept. 1st. to end of month 563.63 mm.
,, 71-yr. average, Sept. 1st. to end of month 564.55 mm.

JANUARY 1948

METEOROLOGICAL REGISTER

Date	Pressure of Water Vapor Millibars				Relative Humidity per cent.				Sun.	Wind per day	Rain
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean	Hrs.	Kms.	m.m.
1	13.5	14.7	12.9	13.7	78	77	80	78	5.8	117.0	
2	12.1	15.5	11.6	13.1	69	73	61	68	3.9	740.0	
3	10.1	11.0	13.7	11.6	71	74	96	80	0.1	1291.0	24.64
4	10.9	11.4	12.7	11.7	88	80	99	89	1.7	966.0	100.58
5	11.4	11.4	10.5	11.1	80	80	81	80	2.3	715.0	21.08
6	10.5	14.2	12.9	12.5	74	75	80	76	7.5	433.0	
7	15.1	16.0	14.0	15.0	82	75	82	80	8.6	312.0	
8	13.0	16.4	14.4	14.6	77	81	90	83	9.3	108.0	
9	14.0	15.7	13.5	14.4	80	84	81	82	9.5	201.0	
10	10.6	15.5	11.6	12.6	59	74	60	64	8.0	161.0	
11	13.5	17.1	15.0	15.2	77	81	88	82	9.2	217.0	
12	13.0	15.7	14.5	14.4	76	83	82	80	9.4	327.0	
13	11.5	15.2	12.9	13.2	67	80	82	76	9.4	296.0	
14	12.9	14.5	12.4	13.3	78	74	78	77	8.1	234.0	
15	12.5	14.3	13.4	13.4	72	70	82	75	8.6	130.0	
16	13.0	14.8	14.9	14.2	77	76	90	81	9.4	322.0	
17	11.6	17.6	12.1	13.8	58	83	65	69	9.0	290.0	
18	11.6	15.8	14.2	13.9	60	68	75	68	8.4	103.0	
19	15.7	19.2	15.9	16.9	83	81	79	81	4.9	130.0	
20	18.3	19.3	17.4	18.3	84	80	89	84	4.0	312.0	
21	17.4	16.1	13.6	15.7	87	74	72	78	8.9	211.0	
22	12.1	18.1	13.0	14.4	48	75	46	56	2.3	401.0	
23	16.3	15.3	13.4	15.0	84	99	87	90	0.2	644.0	38.36
24	13.0	7.9	11.9	10.9	74	40	77	64	4.0	626.0	4.57
25	11.9	14.4	11.4	12.6	78	89	83	83	2.6	354.0	
26	10.5	12.5	11.9	11.6	69	71	80	73	9.5	169.0	
27	11.0	13.6	10.5	11.7	67	72	74	71	8.9	225.0	
28	11.4	13.6	11.4	12.1	81	77	81	80	5.6	229.0	
29	12.5	15.2	12.5	13.4	75	78	75	76	3.8	154.0	1.02
30	12.9	14.2	12.4	13.2	85	75	81	80	3.9	183.0	2.03
31	12.0	14.8	13.0	13.3	70	75	76	74	8.8	166.0	
	12.77	14.87	13.08	13.57	74.4	76.6	79.1	76.7	6.31	345.00	6.20

Height of Barometer above sea level: 33.7 meters.

,, ,, Thermometers above ground:

Dry and wet 1.55 m.; Max. 1.75 m.; Min. 1.70 m.

Rim of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m.

Time of reading minus 2 hours equal G.C.T.

71 year averages are for period, 1875-1945

JANUARY 1948

METEOROLOGICAL REGISTER

Date	Clouds Clear—0 Overcast—10				Direction and force of wind Beaufort scale			Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30		
1	9cu	0	0	3.0	1sw	0	0	slight	
2	5ci	9cu	0	4.7	0	2ne	1ne	„	W. at night
3	10cu	10cu	10ni	10.0	4sw	5sw	6sw	rough	G. at night
4	10cu-ni	6cu	9ni	8.3	4sw	3sw	3sw	mod.	
5	10ni	7cu-ni	0	5.7	5w	2ne	2w	rough	
6	0	0	3cu	0.0	2ne	2ne	1ne	slight	
7	5cu	2cu	0	2.3	1sw	2sw	1sw	„	
8	0	0	0	0.0	1se	1n	1n	„	
9	0	0	0	0.0	0	1ne	1ne	light	
10	0	7cu	0	2.3	1se	0	0	slight	
11	0	2ci	0	0.7	1se	1n	1n	light	
12	0	0	0	0.0	1se	2n	2n	„	
13	0	0	0	0.0	1se	1ne	1n	slight	
14	0	0	0	0.0	1se	2ne	1ne	light	
15	10cu	2cu	0	4.0	1sw	0	0	„	
16	0	0	0	0.0	0	0	0	light	
17	9cu	1cu	0	3.3	1s	1sw	1sw	slight	
18	0	1ci	0	0.3	1s	0	0	calm	
19	1cu	8cu	8cu	5.7	0	1nw	0	light	
20	10cu	1cu	0	3.7	0	2sw	1sw	„	
21	0	0	0	0.0	0	1sw	1ne	light	Traces a.m.
22	2cu	9cu	10cu	7.0	2se	0	1s	„	
23	10cu-ni	10ni	10ni	10.0	2sw	2sw	3sw	slight	
24	4cu	3cu	8cu	5.0	3nw	5w	2nw	mod.	
25	7cu	8cu	1cu	5.3	2sw	1sw	1sw	slight	
26	0	0	0	0.0	1se	1sw	1sw	slight	
27	5ci	3cu	4cu	4.0	1se	1sw	2sw	light	
28	8cu	6cu	7cu	7.0	1se	2sw	1sw	slight	
29	5cu-ci	10cu	10cu	8.3	1se	1sw	1sw	light	
30	10cu-ni	9cu	9cu	9.3	1se	1nw	1nw	slight	
31	0	0	0	0.0	1se	2ne	1ne	light	
				3.54					

* Abbreviations :— G = gale; H = haze; M = mist; T = thunderstorm; D = dew.
W = strong wind; Tr = trace of rain

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm	Totals
8:30	0	1	0	13	2	7	1	1	6	31
14:30	3	7	0	0	0	12	1	2	6	31
20:30	4	6	0	0	1	11	1	2	6	31
Total	7	14	0	13	3	30	3	5	18	93

Number of days with rain 7, fog 0, thunderstorms 0, gale 1.

71 yr. av. number of days with rain during month 15.67